

State of California
AIR RESOURCES BOARD

EXECUTIVE ORDER A-272-1
Relating to Certification of New Motor Vehicle Heavy-Duty Engines

ONAN CORPORATION

Pursuant to the authority vested in the Air Resources Board by Sections 43100, 43102, and 43103 of the Health and Safety Code; and

Pursuant to the authority vested in the undersigned by Sections 39515 and 39516 of the Health and Safety Code and Executive Order G-45-3;

IT IS ORDERED AND RESOLVED: That the following Onan Corporation 1986 model-year diesel engines have shown compliance with the transient test procedure and standards and are certified for use in motor vehicles with a manufacturer's gross vehicle weight rating greater than 8500 pounds:

<u>Engine Family</u>	<u>Displacement</u>		<u>Exhaust Emission Control Systems</u>
	<u>Cubic Inches</u>	<u>(Liters)</u>	<u>(Special Features)</u>
GNA03.4EPA5	210	(3.4)	(Diesel Injection - Prechamber) (Turbocharger)

Engine models and codes are listed on attachments.

The following are the certification emission values for this engine family:

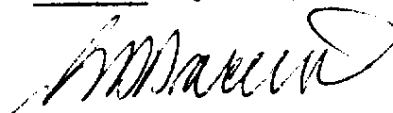
<u>Engine Family</u>	<u>Hydrocarbons</u> <u>gm/bhp-hr</u>	<u>Carbon</u> <u>Monoxide</u> <u>gm/bhp-hr</u>	<u>Nitrogen Oxides</u> <u>gm/bhp-hr</u>
GNA03.4EPA5	0.5	2.7	4.8

BE IT FURTHER RESOLVED: That the Executive Officer has been provided all material required to demonstrate certification compliance with the Board's emission control system warranty regulations (Title 13, California Administrative Code, Section 2036).

Engines certified under this Executive Order must conform to all applicable California emission regulations.

The Bureau of Automotive Repair will be notified by copy of this order.

Executed at El Monte, California this 15 day of April, 1986.



K. D. Drachand, Chief
Mobile Source Division

1986 AIR RESOURCES BOARD SUPPLEMENTAL DATA SHEET
HEAVY-DUTY DIESEL ENGINES

Manufacturer Onan Corporation Page 1
 Engine Family GNA03.4EPA5 CID(Liter)-Type 210 (3.434) 16
 ECS and (Special Features) DIP (TC), SPL

Engine Model	Fuel Injection Pump Mfr. Part Number	Injector Mfr. Part Number	Maximum Rated HP and RPM	Fuel Rate at Maximum HP mm ³ /stroke	Label Ident.
L634T-A	Robert Bosch Onan PNs 147-0465-15 (120 bhp @ 3600 rpm) 147-0465-16 (112 bhp @ 2800 rpm) 147-0465-18 (102 bhp @ 3600 rpm)	Robert Bosch 147-0662	120 bhp @ @3600	50.3 @ 3600	98-5601
			112 bhp @ 2800 rpm	54.1 @ 2800	98-5602
			221 lb-ft @2000 rpm	54.3 @ 2000	
			102 bhp @ 3600 rpm	43.8 @ 2000	98-5601
			187 lb-ft@ 2000 rpm	44.8 @ 2000	

Date of Issue -